Amr Elnaggar

Frontend and Fullstack Engineer

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SKILLS

- **Frontend**:
  In-depth: TypeScript, React, Next.js, React Query, JavaScript (ES6+), HTML5, CSS3, Tailwind, Jest, React testing library, Storybook, Redux
  Familiar: Vue, GraphQL, Cypress, React Native, Electron
- **Backend**:
  Familiar: Java, Spring Framework, Spring boot, Node.js, MongoDB, MySQL, Postgres
- **DevOps & Cloud**:
  Docker, Git, GitHub Actions, GitLab CI/CD, AWS (EC2, S3, Lambda, RDS)
- **Other Skills**:
  Object-oriented programming, Functional Programming, Agile development, Design patterns

WORK EXPERIENCE

- **Flightright** Berlin, Germany - Remote
  Full Stack Engineer (Frontend focus) *May 2025 – Present*
  - Proposed a strategy to **optimize frontend efficiency** by **+30%**, contributing to improved user experience and application security.
  - Shipped full-stack features using Next.js and Spring boot, implementing **event-based tracking** and **A/B testing** with Amplitude.
  - Maintained end-to-end tests using **Cypress** to ensure application reliability.
  - Conducted code reviews across multiple teams, focusing on enhancing best practices, functionality and readability.

- **Infrasoft software house** Kuwait City, Kuwait - Remote
  Full Stack Engineer (Frontend focus) *April 2023 – May 2025*
  - Maintained a robust suite of full-stack applications using **React, TypeScript, Java, Spring Boot, and MySQL** and containerized with **Docker**.
  - Developed and consumed scalable **REST** and **GraphQL** APIs enabling efficient data access.
  - Deployed applications on **AWS** using **GitLab** within CI/CD environments.

- **GeoGebra** Linz, Austria - On-site
  Frontend Engineer *August 2022 – April 2023*
  - Directed highly accessible and reusable UI components in **React, Next.js, TypeScript** using **Tailwind, Radix UI**, focusing on UX, optimization, and bundling; and offered documentation with **Storybook**.
  - Ensured a 100% Lighthouse score for SEO and performance by optimizing assets, implementing server-side rendering (SSR), and improving Core Web Vitals.
  - Migrated **100+** unit test cases from Enzyme to **React Testing Library**, improving test reliability and alignment with best practices.

- **Oncoustics** Toronto, Canada - Remote
  Full Stack Engineer *May 2022 – August 2022*
  - Built 2 pixel-perfect full stack web applications with **Next.js and Typescript**, leveraging **NestJS** for backend.
  - Executed the installation and configuration of a **MongoDB** environment for full-stack web applications, ensuring seamless data migration.

- **Aschl Management Systems** Schluesslberg, Austria - Hybrid
  Full Stack Engineer *October 2020 – August 2022*

- **Vodafone** Smart Village, Egypt - On-site
  Full-Stack Engineer (Internship) *August 2020 – September 2020*

- **Qatar Computing Research Institute** Ar-Rayyan, Qatar - Remote
  Software Engineer (Internship) *May 2020 – July 2020*

EDUCATION

- **Nile University** Giza, Egypt
  B.S. in Computer Engineering; GPA: 3.76 - High Honors *July 2022*

- **University of Applied Sciences Upper Austria** Hagenberg, Austria
  Semester abroad *September 2020 – February 2021*

VOLUNTEER EXPERIENCE

- **Secretariat at Nile International MUN (NIMUN)** Giza, Egypt
  Formulated workshops and lead teams of variant numbers in multiple conferences. *March 2020 – December 2021*